



# MD Monthly—JULY 2020

## Membership Development Report

This report is issued monthly on behalf of the IEEE Member & Geographic Activities Board. Source data is IEEE membership statistics. All information contained in this report is proprietary and confidential, reserved for IEEE staff and volunteer use only.

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Monthly Snapshot	YoY Change		Jul '20	Jul '19	Jun '20	Jul '20 vs. Jun '20	
<b>IEEE Membership</b>		<b>-20,491</b>	<b>-5.5%</b>	<b>350,526</b>	<b>371,017</b>	<b>342,062</b>	<b>+2.5%</b>
Honorary		2	+5.4%	37	35	37	0.0%
Fellow		50	+0.7%	7,665	7,615	7,655	+0.1%
Senior Member		1,799	+3.9%	46,258	44,459	45,997	+0.6%
Member		-7,109	-3.5%	205,213	212,322	202,085	+1.5%
Associate Member		-636	-12.9%	4,914	5,550	4,826	+1.8%
Graduate Student		-3,062	-7.7%	39,645	42,707	36,873	+7.5%
Undergraduate Student		-11,535	-24.7%	46,794	58,329	44,589	+4.9%
<b>Society Membership</b>		<b>-3,804</b>	<b>-1.3%</b>	<b>292,979</b>	<b>296,783</b>	<b>286,753</b>	<b>+2.2%</b>
8 Societies up > 1%		6,651	<b>Societies Note:</b> Sum of respective gains and losses, with all counts <b>excluding Affiliates. Including Affiliates, total Society memberships are down year-over-year by -4,989 or -1.6%.</b>				
7 Societies +/- 1%		-110					
24 Societies down > 1%		-10,345					

MD Channel	2020 Membership Year To Date								
	'20	'19	'18	'17		'20	'19	'18	'17
<b>Retention</b> (Rate and Count)	<b>66.2%</b> <b>250,893</b>	68.4% 261,191	69.6% 262,604	68.5% 264,179	<b>Recruitment</b>	<b>81,038</b>	90,168	91,010	88,141
<b>Higher-Grade</b>	<b>77.3%</b> <b>219,654</b>	78.3% 225,405	79.5% 228,341	77.8% 230,292	<b>Reinstatement</b>	<b>18,656</b>	18,908	20,095	18,998
<b>STU/GSM</b>	<b>32.9%</b> <b>31,239</b>	38.0% 35,786	38.0% 34,263	37.8% 33,887	<b>Recovery</b> (subset of retention)	<b>18,058</b>	26,980	25,263	26,168

MD Calendar	Recruitment Activities	Retention Activities
<b>September</b>	<b>New Membership Year Begins</b> – New members joining in September get 16 months for the price of 12.	<b>2021 Renewal Begins</b> – Members can renew online beginning 8 September. E-mail outreaches commence the last week in September, including distribution of Member-Get-a-Member awards.
<b>October</b>	<b>2021 Membership Year</b> – New members joining in October get 15 months for the price of 12. <b>IEEE Day</b> —During IEEE Day week, new HG members can get a \$30 discount. <a href="http://www.ieeeday.org">www.ieeeday.org</a>	<b>Renewal outreaches continue</b> – Early renewal drawing deadline is <b>1 November</b> , for a chance to win one of 10 Amazon gift cards.  Automatic Renewal takes place third week in October.



## July MD Highlights

It appears that the larger decreases in overall membership due to COVID-19 peaked in May. For the second month in a row we have seen the rate of decline recede. The largest decline point in May was  $-5.9\%$ , subsiding slightly in June to  $-5.8\%$ . As of July, overall membership is behind  $-5.5\%$ .

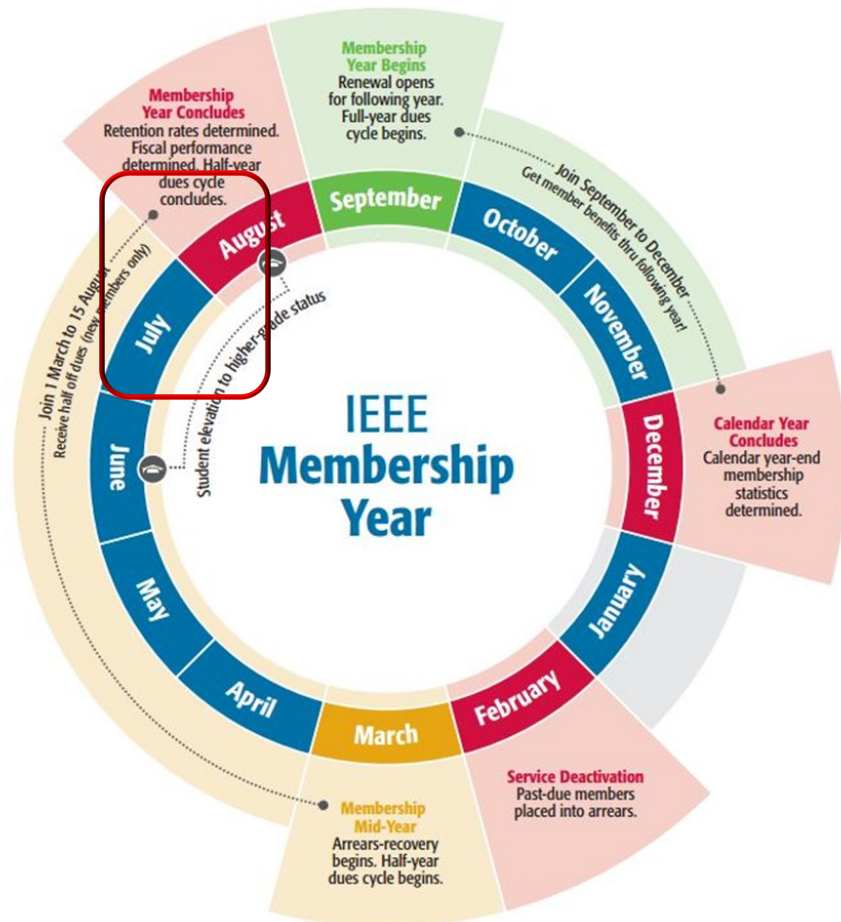
This change represents about 500 members more recovered for the month. Renewal activity was well above what it normally is in July due to campaigns launching later than normal. Specifically, higher grade renewal activity was the main driver, as student renewal activity remained steady.

Recruitment activity also continues to show signs of a rebound but is still behind. The overall decline in recruitment changed from  $-10.5\%$  in June to  $-10.1\%$  this month. As with renewal activity, higher grade recruitment activity was on par for this time of year, while student recruitment was slightly below average.

Start your planning now for 2021. We will undoubtedly be facing a steep challenge for membership growth next year. Movement to virtual events will be critical to maintaining engagement with your members, especially at the student branch level. It also represents an opportunity to engage members who otherwise would not be able to or want to attend in-person events even under normal conditions.

Here are some key points to note as we enter the new membership year:

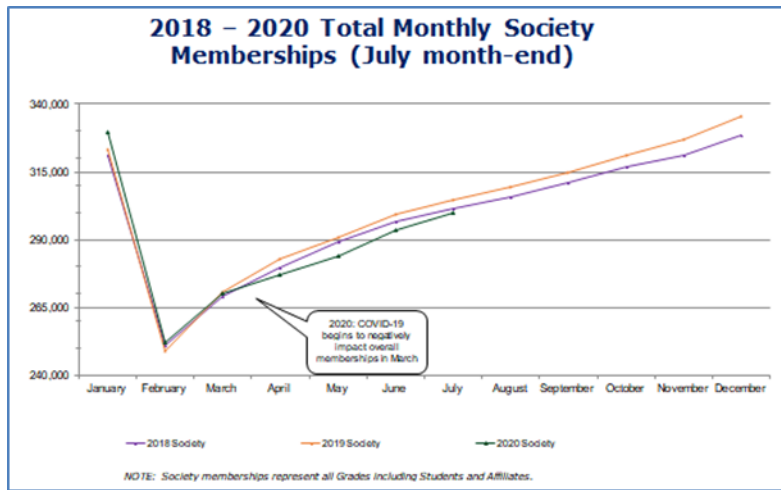
- The 2020 membership year officially ends on 15 August. Membership numbers included here reflect July month-end. There will be one more report on the 2020 membership year for activity through August.
  - As of 16 August 2020 anyone joining IEEE becomes a member for the 2021 membership year. The membership is effective immediately and continues through December 2021.
  - For renewing members, they can renew for 2021 online beginning 8 September.
  - Student members with a graduation date in 2021 will be elevated to higher grade member status. As a Recent Graduate they will receive an automatic 50% discount on their first year of higher grade membership when they renew.
  - On 1 October, we will begin mailing the first renewal notices to members and society affiliates. A series of email communications will follow from October 2020 through February 2021.
- ⇒ Charts on overall membership, recruitment and retention are on [page 5](#).
- ⇒ Society membership details are on [page 6](#).
- ⇒ Note that all orders for membership development materials are subject to shipping delays at this time. In Region 10, all orders are being held for shipping until further notice.





Technical Activities Society Spotlight

Every month the Membership Development Report highlights a few best practices, accomplishments, and lessons learned in IEEE Technical Activities (TA). View the report at <https://ta.ieee.org/mdreports>.

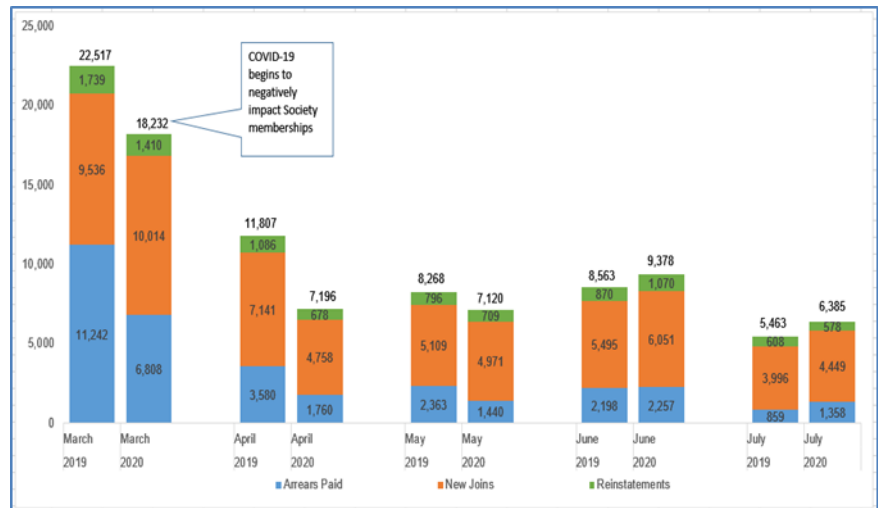


2020 Membership Continues to Improve in the Midst of COVID-19

Society membership (including Affiliates) is down 4,989, or 1.6% in 2020 as of month-end July, compared to IEEE membership being down 20,491 or 5.5% for the same timeframe. Meanwhile Society membership, without Affiliates, is also down 3,804, or 1.3%. Month-end June Society membership (including Affiliates) was down 2.0% and therefore it appears the rate of membership decline continues to improve in July and move closer to 2018 metrics.

Recovery and New Memberships Begin Improvement

While March, April, and May witnessed a decline in the number of recovery, new memberships, and reinstatements resulting from the global pandemic, June and July recovery, new memberships, and reinstatements are seeing a lift with 1,737 more memberships in June and July 2020 compared to the same time period in 2019, or an increase of 12.4%.



Five Societies Grow Membership

Five Societies grew their membership by more than 3% as of July month-end when compared to the same time period last year. Overall gains as of July 2020 month-end is 5,766 in aggregate.

Society Memberships: 2019 v 2020 July Month-end

SOCIETY	INCREASE	PERCENT	SOCIETY	INCREASE	PERCENT
IEEE Aerospace and Electronic	141	3.1%	IEEE Industrial Electronics Society	1,583	22.4%
IEEE Computer Society	509	1.1%	IEEE Information Theory Society	541	17.4%
IEEE Circuits & Systems Society	440	4.6%	IEEE Photonics Society	144	2.3%
IEEE Computational Intelligence	59	0.8%	IEEE Signal Processing Society	183	1.1%
IEEE Communications Society	2,166	8.8%			



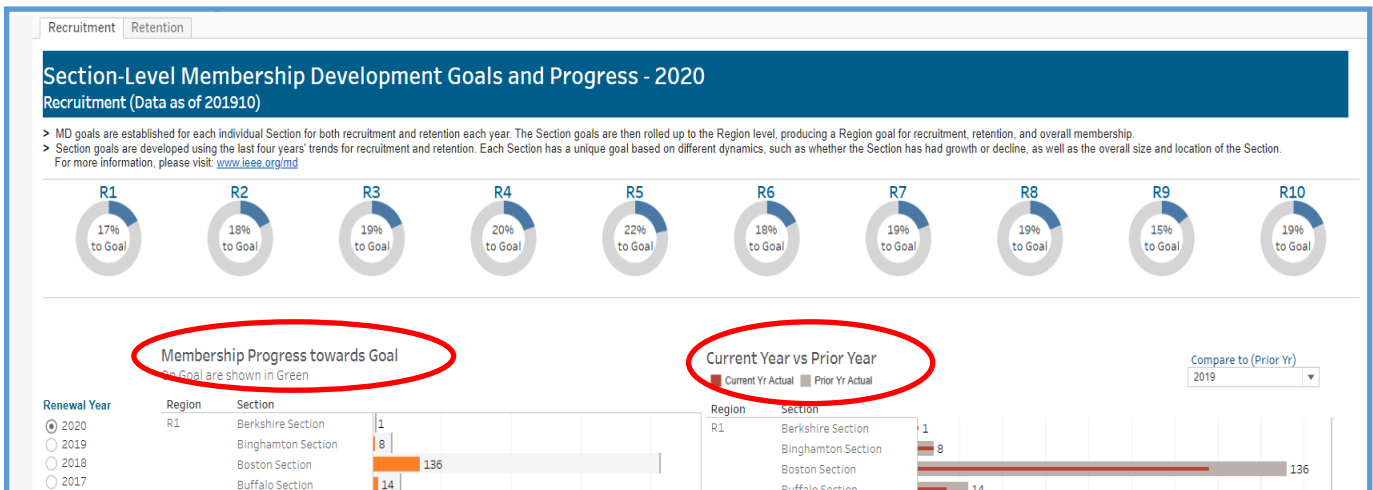
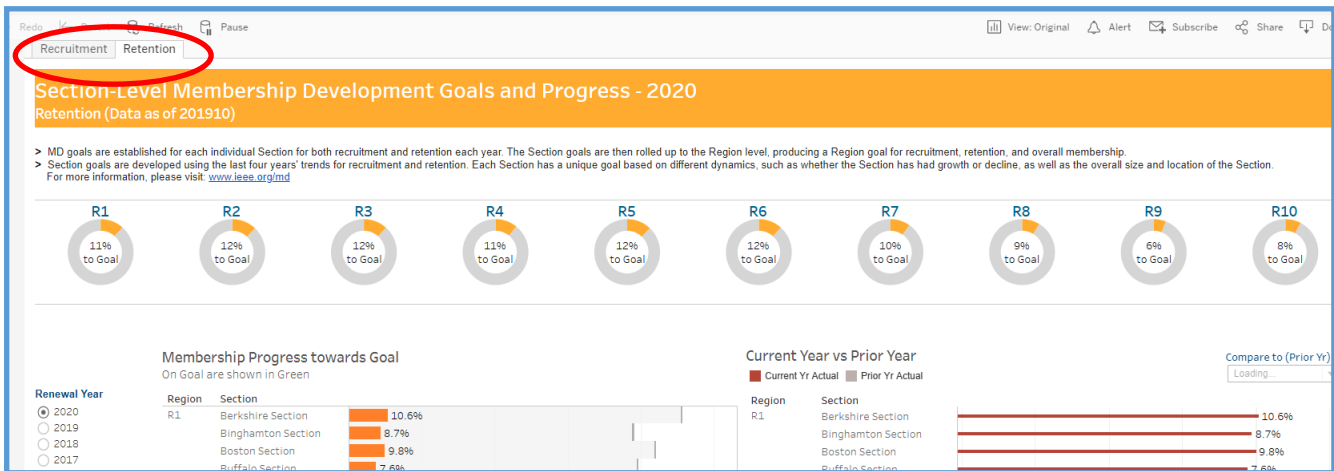
Outstanding Section Membership Recruitment and Retention Performance

## 2020 Membership Development Goals

### 2020 Goals and Progress Dashboard Are in OU Analytics

Go to the Memberships and Subscriptions Monthly Statistics workbook in OU Analytics to view Section-level goals and progress to goal live. This new dashboard also includes a prior year comparison feature, so you can compare progress to the past three years. Direct link: <https://tblanalytics.ieee.org/#/site/IEEE/views/MembershipDevelopmentGoalsandProgress/>

Each Section has a unique goal based on different dynamics - whether the Section has had growth or decline, as well as the overall size and location of the Section. See the data behind goal development: <https://mga.ieee.org/membership-development/membership-development-goals-and-recognition>





Current Month Charts

Green shading = year-over-year growth >1.0%; Yellow shading = +/- 0.99%; Red shading < (1.0%)

Geographic IEEE Membership Summary - July 2020																
REGION	Higher-Grade w/o GSM				Graduate Students				Undergraduate Students				TOTAL MEMBERS			
	2020		2019		Change		2020		2019		Change		2020	2019	Change	
		#	%		%		%		%		%		%		#	%
1	22,068	23,698	(1,630)	-6.9%	1,393	1,537	(144)	-9.4%	1,082	1,489	(407)	-27.3%	24,543	26,724	(2,181)	-8.2%
2	19,341	20,315	(974)	-4.8%	1,268	1,428	(160)	-11.2%	972	1,062	(90)	-8.5%	21,581	22,805	(1,224)	-5.4%
3	19,825	20,614	(789)	-3.8%	1,902	2,096	(194)	-9.3%	1,510	1,903	(393)	-20.7%	23,237	24,613	(1,376)	-5.6%
4	14,032	14,847	(815)	-5.5%	1,380	1,539	(159)	-10.3%	1,096	1,394	(298)	-21.4%	16,508	17,780	(1,272)	-7.2%
5	18,677	19,562	(885)	-4.5%	1,439	1,579	(140)	-8.9%	1,482	1,621	(139)	-8.6%	21,598	22,762	(1,164)	-5.1%
6	38,445	40,334	(1,889)	-4.7%	2,309	2,483	(174)	-7.0%	2,264	3,005	(741)	-24.7%	43,018	45,822	(2,804)	-6.1%
R 1-6	132,388	139,370	(6,982)	-5.0%	9,691	10,662	(971)	-9.1%	8,406	10,474	(2,068)	-19.7%	150,485	160,506	(10,021)	-6.2%
7	11,027	11,811	(784)	-6.6%	1,940	2,185	(245)	-11.2%	1,015	1,330	(315)	-23.7%	13,982	15,326	(1,344)	-8.8%
8	45,417	47,188	(1,771)	-3.8%	9,681	10,692	(1,011)	-9.5%	7,685	9,273	(1,588)	-17.1%	62,783	67,153	(4,370)	-6.5%
9	7,312	7,722	(410)	-5.3%	1,327	1,487	(160)	-10.8%	5,077	6,761	(1,684)	-24.9%	13,716	15,970	(2,254)	-14.1%
10	67,943	63,890	4,053	6.3%	17,006	17,681	(675)	-3.8%	24,611	30,491	(5,880)	-19.3%	109,560	112,062	(2,502)	-2.2%
R 7-10	131,699	130,611	1,088	0.8%	29,954	32,045	(2,091)	-6.5%	38,388	47,855	(9,467)	-19.8%	200,041	210,511	(10,470)	-5.0%
TOTAL	264,087	269,981	(5,894)	-2.2%	39,645	42,707	(3,062)	-7.2%	46,794	58,329	(11,535)	-19.8%	350,526	371,017	(20,491)	-5.5%

Cumulative Recruitment - July 2020																
REGION	HIGHER GRADE w/o GSMs				GRADUATE STUDENTS				UNDERGRADUATE STUDENTS				TOTAL MEMBERS			
	2020		2019		Change		2020		2019		Change		2020	2019	Change	
		#	%		%		%		%		%		%		#	%
1	810	994	(184)	-18.5%	682	782	(100)	-12.8%	1,079	1,582	(503)	-31.8%	2,571	3,358	(787)	-23.4%
2	699	774	(75)	-9.7%	616	679	(63)	-9.3%	914	1,043	(129)	-12.4%	2,229	2,496	(267)	-10.7%
3	778	848	(70)	-8.3%	818	963	(145)	-15.1%	1,422	1,775	(353)	-19.9%	3,018	3,586	(568)	-15.8%
4	568	691	(123)	-17.8%	644	726	(82)	-11.3%	1,014	1,269	(255)	-20.1%	2,226	2,686	(460)	-17.1%
5	825	865	(40)	-4.6%	667	744	(77)	-10.3%	1,423	1,605	(182)	-11.3%	2,915	3,214	(299)	-9.3%
6	1,745	2,111	(366)	-17.3%	1,054	1,190	(136)	-11.4%	2,067	2,805	(738)	-26.3%	4,866	6,106	(1,240)	-20.3%
R 1-6	5,425	6,283	(858)	-13.7%	4,481	5,084	(603)	-11.9%	7,919	10,079	(2,160)	-21.4%	17,825	21,446	(3,621)	-16.9%
7	492	766	(274)	-35.8%	853	1,186	(333)	-28.1%	891	1,150	(259)	-22.5%	2,236	3,102	(866)	-27.9%
8	2,939	3,582	(643)	-18.0%	4,480	5,102	(622)	-12.2%	6,203	7,549	(1,346)	-17.8%	13,622	16,233	(2,611)	-16.1%
9	693	828	(135)	-16.3%	526	672	(146)	-21.7%	3,370	4,906	(1,536)	-31.3%	4,589	6,406	(1,817)	-28.4%
10	11,275	7,226	4,049	56.0%	10,460	10,910	(450)	-4.1%	21,031	24,845	(3,814)	-15.4%	42,766	42,981	(215)	-0.5%
R 7-10	15,399	12,402	2,997	24.2%	16,319	17,870	(1,551)	-8.7%	31,495	38,450	(6,955)	-18.1%	63,213	68,722	(5,509)	-8.0%
TOTAL	20,824	18,685	2,139	11.4%	20,800	22,954	(2,154)	-9.4%	39,414	48,529	(9,115)	-18.8%	81,038	90,168	(9,130)	-10.1%

IEEE Membership Renewal / Retention - July 2020 Membership Year																
REGION	HIGHER GRADE w/o GSM				GRADUATE STUDENTS				UNDERGRADUATE STUDENTS				TOTAL MEMBERS			
	Oppor-tunity	Renewal		Oppor-tunity	Renewal		Oppor-tunity	Renewal		Oppor-tunity	Renewal		Oppor-tunity	Renewal		
		#	%, '20		%, '19	#		%, '20	%, '19		#	%, '20		%, '19	#	%, '20
1	24,065	20,082	83.4%	84.1%	1,505	808	53.7%	57.1%	1,399	338	24.2%	26.0%	26,969	21,228	78.7%	79.7%
2	20,691	17,559	84.9%	85.0%	1,331	712	53.5%	59.9%	990	303	30.6%	33.6%	23,012	18,574	80.7%	81.3%
3	21,310	17,527	82.2%	82.4%	1,956	1,136	58.1%	60.8%	1,696	496	29.2%	32.4%	24,962	19,159	76.8%	77.2%
4	15,211	12,571	82.6%	82.8%	1,428	777	54.4%	61.6%	1,283	348	27.1%	33.1%	17,922	13,696	76.4%	77.7%
5	20,163	16,460	81.6%	81.7%	1,449	840	58.0%	62.5%	1,462	424	29.0%	29.7%	23,074	17,724	76.8%	77.3%
6	41,194	33,879	82.2%	81.9%	2,396	1,326	55.3%	59.3%	2,764	725	26.2%	30.1%	46,354	35,930	77.5%	77.8%
R 1-6	142,634	118,078	82.8%	82.9%	10,065	5,599	55.6%	60.2%	9,594	2,634	27.5%	30.6%	162,293	126,311	77.8%	78.4%
7	12,588	9,510	75.5%	77.5%	1,781	1,092	61.3%	66.2%	1,216	401	33.0%	39.2%	15,585	11,003	70.6%	73.1%
8	50,758	38,265	75.4%	75.6%	9,360	5,295	56.6%	61.9%	8,289	2,126	25.6%	28.6%	68,407	45,686	66.8%	67.9%
9	8,799	5,691	64.7%	65.0%	1,406	788	56.0%	60.7%	6,383	1,663	26.1%	30.0%	16,588	8,142	49.1%	52.6%
10	69,362	48,110	69.4%	72.2%	16,359	6,639	40.6%	46.3%	30,536	5,002	16.4%	23.9%	116,257	59,751	51.4%	55.2%
R 7-10	141,507	101,576	71.8%	73.5%	28,906	13,814	47.8%	53.4%	46,424	9,192	19.8%	25.9%	216,837	124,582	57.5%	60.4%
TOTAL	284,141	219,654	77.3%	78.3%	38,971	19,413	49.8%	55.2%	56,018	11,826	21.1%	26.7%	379,130	250,893	66.2%	68.4%

Notes: e-Members are included in the higher grade counts of Regions 3, 8, 9, and 10. Life Members are included in higher grade counts.



## Society Memberships

IEEE Society Membership Totals as of July 2020																				
SOCIETY / DIVISION	IEEE Higher Grade Members (including GSMs)		Change		IEEE Student Members		Change		Society Affiliates		Change		Society Totals (with affiliates)		Change		Society Totals (without affiliates)		Change	
	2020	2019	#	%	2020	2019	#	%	2020	2019	#	%	2020	2019	#	%	2020	2019	#	%
<b>IEEE Societies</b>	<b>2020</b>	<b>2019</b>	<b>#</b>	<b>%</b>	<b>2020</b>	<b>2019</b>	<b>#</b>	<b>%</b>	<b>2020</b>	<b>2019</b>	<b>#</b>	<b>%</b>	<b>2020</b>	<b>2019</b>	<b>#</b>	<b>%</b>	<b>2020</b>	<b>2019</b>	<b>#</b>	<b>%</b>
<b>DIVISION I</b>																				
Circuits & Systems	9,255	9,112	143	1.6%	806	509	297	58.3%	30	30	0	0.0%	10,091	9,651	440	4.6%	10,061	9,621	440	4.6%
Electron Devices	8,452	8,725	-273	-3.1%	505	735	-230	-31.3%	54	59	-5	-8.5%	9,011	9,519	-508	-5.3%	8,957	9,460	-503	-5.3%
Solid-State Circuits	9,337	9,489	-152	-1.6%	145	247	-102	-41.3%	93	98	-5	-5.1%	9,575	9,834	-259	-2.6%	9,482	9,736	-254	-2.6%
<b>Div I Subtotal</b>	<b>27,044</b>	<b>27,326</b>	<b>-282</b>	<b>-1.0%</b>	<b>1,456</b>	<b>1,491</b>	<b>-35</b>	<b>-2.3%</b>	<b>177</b>	<b>187</b>	<b>-10</b>	<b>-5.3%</b>	<b>28,677</b>	<b>29,004</b>	<b>-327</b>	<b>-1.1%</b>	<b>28,500</b>	<b>28,817</b>	<b>-317</b>	<b>-1.1%</b>
<b>DIVISION II</b>																				
Electronics Packaging	2,150	2,172	-22	-1.0%	74	65	9	13.8%	26	21	5	23.8%	2,250	2,258	-8	-0.4%	2,224	2,237	-13	-0.6%
Dielectrics & Electrical Insulation	1,758	1,878	-120	-6.4%	15	20	-5	-25.0%	18	24	-6	-25.0%	1,791	1,922	-131	-6.8%	1,773	1,898	-125	-6.6%
Industry Applications	9,276	10,190	-914	-9.0%	2,238	3,625	-1,387	-38.3%	29	42	-13	-31.0%	11,543	13,857	-2,314	-16.7%	11,514	13,815	-2,301	-16.7%
Instrumentation & Measurements	3,377	3,497	-120	-3.4%	122	138	-16	-11.6%	17	25	-8	-32.0%	3,516	3,660	-144	-3.9%	3,499	3,635	-136	-3.7%
Power Electronics	8,208	8,442	-234	-2.8%	474	1,539	-1,065	-69.2%	17	42	8	19.0%	8,732	10,023	-1,291	-12.9%	8,682	9,981	-1,299	-13.0%
Ultrasonics, Ferroelectrics, Freq Ctrl	1,909	1,986	-77	-3.9%	27	46	-19	-41.3%	42	37	5	13.5%	1,978	2,069	-91	-4.4%	1,936	2,032	-96	-4.7%
<b>Div II Subtotal</b>	<b>26,678</b>	<b>28,165</b>	<b>-1,487</b>	<b>-5.3%</b>	<b>2,950</b>	<b>5,433</b>	<b>-2,483</b>	<b>-45.7%</b>	<b>182</b>	<b>191</b>	<b>-9</b>	<b>-4.7%</b>	<b>29,810</b>	<b>33,789</b>	<b>-3,979</b>	<b>-11.8%</b>	<b>29,628</b>	<b>33,598</b>	<b>-3,970</b>	<b>-11.8%</b>
<b>DIVISION III</b>																				
Communications	24,707	23,290	1,417	6.1%	1,720	953	767	80.5%	266	284	-18	-6.3%	26,693	24,527	2,166	8.8%	26,427	24,243	2,184	9.0%
<b>DIVISION IV</b>																				
Antennas & Propagation	8,220	8,288	-68	-0.8%	325	305	20	6.6%	58	62	-4	-6.5%	8,603	8,655	-52	-0.6%	8,545	8,593	-48	-0.6%
Broadcast Technology	1,362	1,470	-108	-7.3%	88	58	30	51.7%	44	58	-14	-24.1%	1,494	1,586	-92	-5.8%	1,450	1,528	-78	-5.1%
Consumer Electronics	2,078	2,372	-294	-12.4%	54	57	-3	-5.3%	12	15	-3	-20.0%	2,144	2,444	-300	-12.3%	2,132	2,429	-297	-12.2%
Electromagnetic Compatibility	3,267	3,350	-83	-2.5%	39	40	-1	-2.5%	40	43	-3	-7.0%	3,346	3,433	-87	-2.5%	3,306	3,390	-84	-2.5%
Magnetics	2,398	2,560	-162	-6.3%	35	41	-6	-14.6%	54	59	-5	-8.5%	2,487	2,660	-173	-6.5%	2,433	2,601	-168	-6.5%
Microwave Theory & Techniques	9,859	9,949	-90	-0.9%	216	298	-82	-27.5%	34	35	-1	-2.9%	10,109	10,282	-173	-1.7%	10,075	10,247	-172	-1.7%
Nuclear & Plasma Sciences	2,661	2,869	-208	-7.2%	907	975	-68	-7.0%	34	37	-3	-8.1%	3,602	3,881	-279	-7.2%	3,568	3,844	-276	-7.2%
<b>Div IV Subtotal</b>	<b>29,845</b>	<b>30,858</b>	<b>-1,013</b>	<b>-3.3%</b>	<b>1,664</b>	<b>1,774</b>	<b>-110</b>	<b>-6.2%</b>	<b>276</b>	<b>309</b>	<b>-33</b>	<b>-10.7%</b>	<b>31,785</b>	<b>32,941</b>	<b>-1,156</b>	<b>-3.5%</b>	<b>31,509</b>	<b>32,632</b>	<b>-1,123</b>	<b>-3.4%</b>
<b>DIVISION V/VIII</b>																				
Computer	37,282	35,029	2,253	6.4%	4,219	5,172	-953	-18.4%	4,108	4,899	-791	-16.1%	45,609	45,100	509	1.1%	41,501	40,201	1,300	3.2%
<b>DIVISION VI</b>																				
Education	3,001	3,019	-18	-0.6%	57	66	-9	-13.6%	37	33	4	12.1%	3,095	3,118	-23	-0.7%	3,058	3,085	-27	-0.9%
Industrial Electronics	7,326	6,828	498	7.3%	1,290	204	1,086	532.4%	23	24	-1	-4.2%	8,639	7,056	1,583	22.4%	8,616	7,032	1,584	22.5%
Product Safety Engineering	711	762	-51	-6.7%	0	12	-12	-100.0%	15	15	0	0.0%	726	789	-63	-8.0%	711	774	-63	-8.1%
Professional Communication	490	510	-20	-3.9%	15	23	-8	-34.8%	33	32	1	3.1%	538	565	-27	-4.8%	505	533	-28	-5.3%
Reliability	1,379	1,485	-106	-7.1%	14	18	-4	-22.2%	17	31	-14	-45.2%	1,410	1,534	-124	-8.1%	1,393	1,503	-110	-7.3%
Social Implications of Technology	1,372	1,400	-28	-2.0%	119	161	-42	-26.1%	18	20	-2	-10.0%	1,509	1,581	-72	-4.6%	1,491	1,561	-70	-4.5%
Technology and Engineering Management Society	2,466	2,662	-196	-7.4%	202	94	108	114.9%	37	38	-1	-2.6%	2,705	2,794	-89	-3.2%	2,668	2,756	-88	-3.2%
<b>Div VI Subtotal</b>	<b>16,745</b>	<b>16,666</b>	<b>79</b>	<b>0.5%</b>	<b>1,697</b>	<b>578</b>	<b>1,119</b>	<b>193.6%</b>	<b>180</b>	<b>193</b>	<b>-13</b>	<b>-6.7%</b>	<b>18,622</b>	<b>17,437</b>	<b>1,185</b>	<b>6.8%</b>	<b>18,442</b>	<b>17,244</b>	<b>1,198</b>	<b>6.9%</b>
<b>DIVISION VII</b>																				
Power & Energy	28,554	29,377	-823	-2.8%	5,214	5,874	-660	-11.2%	400	397	3	0.8%	34,168	35,648	-1,480	-4.2%	33,768	35,251	-1,483	-4.2%
<b>DIVISION IX</b>																				
Aerospace & Electronic Systems	4,410	4,283	127	3.0%	271	265	6	2.3%	29	21	8	38.1%	4,710	4,569	141	3.1%	4,681	4,548	133	2.9%
Geoscience & Remote Sensing	3,707	3,672	35	1.0%	173	240	-67	-27.9%	159	202	-43	-21.3%	4,039	4,114	-75	-1.8%	3,880	3,912	-32	-0.8%
Information Theory	3,533	3,005	528	17.6%	93	74	19	25.7%	30	36	-6	-16.7%	3,656	3,115	541	17.4%	3,626	3,079	547	17.8%
Intelligent Transportation Systems	1,742	1,883	-141	-7.5%	35	57	-22	-38.6%	22	46	-24	-52.2%	1,799	1,986	-187	-9.4%	1,777	1,940	-163	-8.4%
Oceanic Engineering	1,588	1,584	4	0.3%	61	79	-18	-22.8%	23	30	-7	-23.3%	1,672	1,693	-21	-1.2%	1,649	1,663	-14	-0.8%
Signal Processing	15,393	15,418	-25	-0.2%	1,478	1,197	281	23.5%	274	347	-73	-21.0%	17,145	16,962	183	1.1%	16,871	16,615	256	1.5%
Vehicular Technology	4,579	4,588	-9	-0.2%	126	138	-12	-8.7%	34	29	5	17.2%	4,739	4,755	-16	-0.3%	4,705	4,726	-21	-0.4%
<b>Div IX Subtotal</b>	<b>34,952</b>	<b>34,433</b>	<b>519</b>	<b>1.5%</b>	<b>2,237</b>	<b>2,050</b>	<b>187</b>	<b>9.1%</b>	<b>571</b>	<b>711</b>	<b>-140</b>	<b>-19.7%</b>	<b>37,760</b>	<b>37,194</b>	<b>566</b>	<b>1.5%</b>	<b>37,189</b>	<b>36,483</b>	<b>706</b>	<b>1.9%</b>
<b>DIVISION X</b>																				
Computational Intelligence	6,848	6,659	189	2.8%	294	438	-144	-32.9%	105	91	14	15.4%	7,247	7,188	59	0.8%	7,142	7,097	45	0.6%
Control Systems	7,442	7,620	-178	-2.3%	151	203	-52	-25.6%	58	58	0	0.0%	7,651	7,881	-230	-2.9%	7,593	7,823	-230	-2.9%
Engineering in Medicine & Biology	7,091	7,953	-862	-10.8%	778	1,104	-326	-29.5%	212	335	-123	-36.7%	8,081	9,392	-1,311	-14.0%	7,869	9,057	-1,188	-13.1%
Photonics	5,511	5,623	-112	-2.0%	667	348	319	91.7%	97	160	-63	-39.4%	6,275	6,131	144	2.3%	6,178	5,971	207	3.5%
Robotics & Automation	10,717	10,855	-138	-1.3%	2,169	2,535	-366	-14.4%	139	136	3	2.2%	13,025	13,526	-501	-3.7%	12,886	13,390	-504	-3.8%
Systems, Man & Cybernetics	4,252	4,825	-573	-11.9%	95	151	-56	-37.1%	25	30	-5	-16.7%	4,372	5,006	-634	-12.7%	4,347	4,976	-629	-12.6%
<b>Div X Subtotal</b>	<b>41,861</b>	<b>43,535</b>	<b>-1,674</b>	<b>-3.8%</b>	<b>4,154</b>	<b>4,779</b>	<b>-625</b>	<b>-13.1%</b>	<b>636</b>	<b>810</b>	<b>-174</b>	<b>-21.5%</b>	<b>46,651</b>	<b>49,124</b>	<b>-2,473</b>	<b>-5.0%</b>	<b>46,015</b>	<b>48,314</b>	<b>-2,299</b>	<b>-4.8%</b>
<b>TOTAL</b>	<b>267,668</b>	<b>268,679</b>	<b>-1,011</b>	<b>-0.4%</b>	<b>25,311</b>	<b>28,104</b>	<b>-2,793</b>	<b>-9.9%</b>	<b>6,796</b>	<b>7,981</b>	<b>-1,185</b>	<b>-14.8%</b>	<b>299,775</b>	<b>304,764</b>	<b>-4,989</b>	<b>-1.6%</b>	<b>292,979</b>	<b>296,783</b>	<b>-3,804</b>	<b>-1.3%</b>



## Special Interest Memberships



IEEE Women in Engineering (WIE) membership is only available to IEEE members. WIE membership is free for students, graduate students and life members. Professional members pay a WIE membership fee.

Grade	This Month '20	This Month '19	YoY # Chg	YoY % Chg
Fellow	139	124	15	+12.1%
Senior Member	1,127	1,016	111	+10.9%
Member	3,886	3,870	16	+0.4%
Associate Member	107	122	(15)	-12.3%
Graduate Student	2,368	2,124	244	+11.5%
Student	11,810	10,177	1,633	+16.0%
<b>Total</b>	<b>19,437</b>	<b>17,433</b>	<b>2,004</b>	<b>+11.5%</b>

Region	This Month '20	This Month '19	YoY # Chg	YoY % Chg
U.S.	3,149	3,187	(38)	-1.2%
Canada	430	382	48	+12.6%
Europe, Middle East, Africa	3,264	2,838	426	+15.0%
Latin America	2,311	2,594	(283)	-10.9%
Asia Pacific	10,283	8,432	1,851	+22.0%
<b>Total</b>	<b>19,437</b>	<b>17,433</b>	<b>2,004</b>	<b>+11.5%</b>

## IEEE STANDARDS ASSOCIATION

Grade	This Month '20	This Month '19	YoY # Chg	YoY % Chg
Student	41	45	-4	-8.9%
Higher Grade	6,455	6,404	51	+0.8%
Affiliate	54	60	-6	-10.0%
SA Only Members	723	660	63	+9.5%
<b>Total</b>	<b>7,273</b>	<b>7,169</b>	<b>104</b>	<b>+1.5%</b>

IEEE Standards Association members may also be IEEE members or Society Affiliates. However IEEE or Society membership is not a requirement to join. These individuals join the Standards Association for the benefit of being able to ballot on standards projects and assume leadership roles within a working group.



## Special Interest Memberships



Membership in IEEE Young Professionals is automatically given to Graduate Students (GSM) and higher grade members within 15 years of receiving their first professional degree, and higher grade members beyond 15 years who wish to opt in, at no additional cost.

Geographic IEEE Young Professional Membership - July 2020									
Region	Higher Grade w/o GSM			GSM w/o Students			Total		
	2020	2019	% Change	2020	2019	% Change	2020	2019	% Change
	#	#	% Change	#	#	% Change	#	#	% Change
1	2,838	3,122	-9.1%	1,305	1,424	-8.4%	4,143	4,546	-8.9%
2	2,303	2,470	-6.8%	1,163	1,302	-10.7%	3,466	3,772	-8.1%
3	2,764	2,870	-3.7%	1,737	1,955	-11.2%	4,501	4,825	-6.7%
4	2,180	2,383	-8.5%	1,282	1,418	-9.6%	3,462	3,801	-8.9%
5	2,738	2,940	-6.9%	1,336	1,465	-8.8%	4,074	4,405	-7.5%
6	5,576	5,894	-5.4%	2,114	2,286	-7.5%	7,690	8,180	-6.0%
<b>R 1-6</b>	<b>18,399</b>	<b>19,679</b>	<b>-6.5%</b>	<b>8,937</b>	<b>9,850</b>	<b>-9.3%</b>	<b>27,336</b>	<b>29,529</b>	<b>-7.4%</b>
7	2,331	2,576	-9.5%	1,770	2,027	-12.7%	4,101	4,603	-10.9%
8	10,783	11,047	-2.4%	9,097	10,037	-9.4%	19,880	21,084	-5.7%
9	2,082	2,214	-6.0%	1,179	1,327	-11.2%	3,261	3,541	-7.9%
10	17,098	16,934	1.0%	16,181	16,754	-3.4%	33,279	33,688	-1.2%
<b>R 7-10</b>	<b>32,294</b>	<b>32,771</b>	<b>-1.5%</b>	<b>28,227</b>	<b>30,145</b>	<b>-6.4%</b>	<b>60,521</b>	<b>62,916</b>	<b>-3.8%</b>
<b>TOTAL</b>	<b>50,693</b>	<b>52,450</b>	<b>-3.3%</b>	<b>37,164</b>	<b>39,995</b>	<b>-7.1%</b>	<b>87,857</b>	<b>92,445</b>	<b>-5.0%</b>



## ETA KAPPA NU

*Electrical and Computer Engineering Honor Society*

Active IEEE Members that belong to Eta Kappa Nu

Geographic IEEE HKN Membership - July 2020									
Region	Higher Grade w/o GSM			Students			Total		
	2020	2019	% Change	2020	2019	% Change	2020	2019	% Change
	#	#	% Change	#	#	% Change	#	#	% Change
1	1,052	1,207	-12.8%	315	422	-25.4%	1,367	1,629	-16.1%
2	1,013	1,077	-5.9%	279	326	-14.4%	1,292	1,403	-7.9%
3	1,000	1,061	-5.7%	282	390	-27.7%	1,282	1,451	-11.6%
4	794	821	-3.3%	341	488	-30.1%	1,135	1,309	-13.3%
5	1,047	1,179	-11.2%	328	416	-21.2%	1,375	1,595	-13.8%
6	1,379	1,518	-9.2%	477	659	-27.6%	1,856	2,177	-14.7%
<b>R 1-6</b>	<b>6,285</b>	<b>6,863</b>	<b>-8.4%</b>	<b>2,022</b>	<b>2,701</b>	<b>-25.1%</b>	<b>8,307</b>	<b>9,564</b>	<b>-13.1%</b>
7	42	42	0.0%	5	7	-28.6%	47	49	-4.1%
8	145	135	7.4%	85	80	6.3%	230	215	7.0%
9	50	43	16.3%	24	31	-22.6%	74	74	0.0%
10	142	135	5.2%	84	101	-16.8%	226	236	-4.2%
<b>R 7-10</b>	<b>379</b>	<b>355</b>	<b>6.8%</b>	<b>198</b>	<b>219</b>	<b>-9.6%</b>	<b>577</b>	<b>574</b>	<b>0.5%</b>
<b>TOTAL</b>	<b>6,664</b>	<b>7,218</b>	<b>-7.7%</b>	<b>2,220</b>	<b>2,920</b>	<b>-24.0%</b>	<b>8,884</b>	<b>10,138</b>	<b>-12.4%</b>